MEASUREMENT BOOK

Main bill:-

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.01:- Earthwork excavation by manual means in ordinary soil. Qty vide page No. 35|12|35|134 → 387.00. At the rate of Rs: 74.82 →					28955.34	
	Item No.14:- lead for disposal of debris: Qty vide Item No.01 → 387.00. At the rate of Rs. 71.96 →					27848.50	
	Item No.02:- Providing and laying in position plain cement concrete of						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	nominal mix 1:4:8 c... concrete laid in layer... Qty vide pag... At the rate o...
	Item No.03:- Providing and granite jelly of read... Qty vide pag...

BOOK

ons		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		nual means in ordinary soil.,	
		134 → 387.00.	
		28955.34	
		1.00.	
		27848.50	
		position plain cement concrete of	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	nominal mix 1:4:8 using 40mm and downsize graded metal machine mixed, concrete laid in layers not exceeding 15cms. thick well compacted.,						
	Qty vide page No. 3512/351135 →				60.08 cum.		
	At the rate of Rs: 5011.96 →						301118.55
	Item No.03:-						
	Providing and laying cement concrete using 20mm and downsize granite jelly of ready mix concrete for RCC works.,						
	Qty vide page No. 3512/351136 →				60.08 cum		

351147

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	SIDEWALL:-						
	From burial ground to pt pptg. 0-15	4·0	15·0	0·15	0·60	= 5·40	
	15-30	4·0	15·0	0·15	0·60	= 5·40	
	30-45	4·0	15·0	0·15	0·60	= 5·40	
	45-60	4·0	15·0	0·15	0·60	= 5·40	
	60-75	4·0	15·0	0·15	0·60	= 5·40	
	75-90	4·0	15·0	0·15	0·60	= 5·40	
	90-105	4·0	15·0	0·15	0·60	= 5·40	
	105-119	4·0	14·0	0·15	0·60	= 5·04	
						42·84 cum.	
	From previous road to Amruth ahalli lake: 0-15	4·0	15·0	0·10	0·70	= 4·20	
	15-30	4·0	15·0	0·10	0·70	= 4·20	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	At the rate

K

epth 6	Contents 7	Reference to last Measurement 8
·60	= 5·40	
·60	= 5·40	
·60	= 5·40	
·60	= 5·40	
·60	= 5·40	
·60	= 5·40	
·60	= 5·40	
·60	= 5·40	
·60	= 5·04	
	42·84 cum.	
0·70	= 4·20	
0·70	= 4·20	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351148

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	C&E.L 2607 T.W. (42.2) 30-45	4·0	15·0	0·10	0·70	= 4·20	
	45-60	4·0	15·0	0·10	0·70	= 4·20	
	60-75	4·0	15·0	0·10	0·70	= 4·20	
	75-90	4·0	15·0	0·10	0·70	= 4·20	
	90-103·5	4·0	13·50	0·10	0·70	= 3·78	
						28·98 cum.	
					TOTAL=	131·90 cum.	
	At the rate	5786·89 →					763290·80

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.04:- ~~Premeasurements recorded~~ Providing and fabricating TMT steel reinforcement for RC work including straightening, cutting.) Qty vide page No. 3512/35 1138 → 5.94 tonne. At the rate of Rs. 77544.82 →						460616- 460250.00
	Item No.05:- Providing and removing centering, shuttering, struting propping etc.) Qty vide page No. 3512/35 1140 → 1150.80 sq.m. At the rate of Rs: 234.08 →						269379.30

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No.06:- Scarifying and disposal of s Qty vide pa At the rate
	Item No.07:- Compaction tonne., Qty vide pa

OOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
MT steel reinforcement for RC			
)			
38 →	5.944 tonne.		460616-
			460250.60
82 →			
ring, shuttering, struttings			
5/1140 →		1150.80 sq.m.	
			269379.30
3 →			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351149

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item No.06:- Scarifying the existing granular road surface to a depth of 50mm and disposal of scarified material., Qty vide page No. 3512/35114 1 → At the rate of Rs: 18.17 →				1839.50 sq.m.		33423.70
	Item No.07:- Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes., Qty vide page No. 3512/35116 2 →				1839.50 sq.m		

351149

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	At the rate of Rs. 4.44 →						8167 8160.00
	Item No.08:- Providing, laying, spreading and compacting graded stones aggregate to wet-mix-macadam.						
	Qty vide page No 3512/35143 →					367.90 cum	
	At the rate of Rs: 1422.74 →						523793.94
	Item No.09:- Providing and applying primer coat with ss bitumen emulsion on prepare surface of granular base such as WMM.,						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date 1	Full description, etc, of work 2
	Qty vide page
	At the rate of
	Item No.10:- Providing and
	with crushed aggr
	course.,
	Qty vide pag
	At the rate

NT BOOK

mensions			Contents	Reference to last Measurement
n	Breadth 5	Depth 6	7	8
				8167 8
				8160.00
ing and compacting graded				
acadam:				
143 →			367.90 cum	
				523793.94
→				
primer coat with 5S bitumen				
granular base such as WMM.,				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

351150

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Qty vide page No. 3512/		351144 →		1839.50	sq m	
	At the rate of Rs 31.00 →						57024.50
Item No.10:-							
	Providing and laying bituminous macadam on prepared surface with crushed aggregates as per design mix formula for base/binding course.,						
	Qty vide page No. 3512/3511 46 →				91.98	cum	
	At the rate of Rs: 7832.72 →						720453.60

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No-11:- Providing and applying tack coat with 80/100 grade bitumen (VG10) on prepared black topped surface at 2.5 kg per 10 sqm Qty vide Item No. 09 → 1839.50 sqm At the rate of Rs 11.76 →						21632.50
	Item No-12:- Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a hydrostatic paver...,						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Khachinagara main r
	0-15 1
	15-20 1
	20-35 1
	35-50 1
	50-65 1
	65-80 1
	80-95 1
	95-110 1

C&F.C 26/07

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BOOK

...ons		Contents	Reference to last Measurement
...readth 5	Depth 6	7	8
...k coat with 80/100 grade			
...pped surface at 2.5kg per 10 sqm			
...39.50 sq.m		21632.50	
...tuminous concrete using crushed			
..., premixed with bituminous binder			
...nix to work to site, laying with a			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351151

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Khachinagara main road (from burial ground to pvt ppty)						
	0-15	1.0	15.0	7.95	0.04	= 4.77	
	15-20	1.0	5.0	8.0	0.04	= 1.60	
	20-35	1.0	15.0	7.90	0.04	= 4.74	
	35-50	1.0	15.0	7.45	0.04	= 4.47	
	50-65	1.0	15.0	7.60	0.04	= 4.56	
	65-80	1.0	15.0	8.0	0.04	= 4.80	
	80-95	1.0	15.0	8.50	0.04	= 5.10	
	95-110	1.0	15.0	8.55	0.04	= 5.13	

C&F.C 26/07

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	110-119	1.0	9.0	10.80	0.04 =	3.89	
						39.06 cum.	
	From previous road to Amruthahalli lake:						
	0-17.4	1.0	17.40	5.90	0.04	= 4.11	
	17.4-32.4	1.0	15.0	7.40	0.04	= 4.44	
	32.4-47.4	1.0	15.0	9.45	0.04	= 5.67	
	47.4-62.4	1.0	15.0	10.75	0.04	= 6.45	
	62.4-77.4	1.0	15.0	10.63	0.04	= 6.38	
	77.4-92.4	1.0	15.0	8.20	0.04	= 4.92	
	92.4-103.5	1.0	11.10	5.77	0.04	= 2.57	
						34.52 cum	
				TOTAL=		73.58 cum	
	At the rate of Rs: 9385.80 →						690607.10

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Nu
	Item No.13:-	
	Providing and la	
	thick including reflectorie	
	of 2.5mm is exclusive of e	
	sqm area thickness of 2.5	
	beads as per IRC:35:	
	Khachinagara main ro	
	0-15	1.0
	15-20	1.0

BOOK

adth 5	Depth 6	Contents 7	Reference to last Measurement 8
.80	0.04 =	3.89	
		39.06 cum.	
i lake:			
5.90	0.04	= 4.11	
7.40	0.04	= 4.44	
9.45	0.04	= 5.67	
10.75	0.04	= 6.45	
10.63	0.04	= 6.38	
8.20	0.04	= 4.92	
5.77	0.04 =	2.57	
		34.52 cum	
TOTAL=		73.58 cum	
		690607.10	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351152

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No 13:- Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250 gms eqm area thickness of 2.5mm is exclusive of surface applied glass beads at 250 gms per eqm area thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35:						
	Khachinagara main road (from burial ground to pvt ppty)						
	0-15	1.0	15.0	0.10	-	= 1.50	
	15-20	1.0	5.0	0.10	-	= 0.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	90-35	1.0	15.0	0.10	-	= 1.50	
	35-50	1.0	15.0	0.10	-	= 1.50	
	50-65	1.0	15.0	0.10	-	= 1.50	
	65-80	1.0	15.0	0.10	-	= 1.50	
	80-95	1.0	15.0	0.10	-	= 1.50	
	95-110	1.0	15.0	0.10	-	= 1.50	
	110-119	1.0	9.0	0.10	-	= 0.90	
	from previous road to Amruthahalli lake:-						
	0-17.4	1.0	17.40	0.10	-	= 1.74	
	17.4-32.4	1.0	15.00	0.10	-	= 1.50	
	32.4-47.4	1.0	15.0	0.10	-	= 1.50	
	47.4-62.4	1.0	15.0	0.10	-	= 1.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	62.4-77.4
	77.4-92.4
	92.4-103.5

C&R

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, BBMP
Bangalore.

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
	-	= 1.50	
	-	= 1.50	
	-	= 1.50	
	-	= 1.50	
	-	= 1.50	
	-	= 1.50	
	-	= 0.90	
	-	= 1.74	
	-	= 1.50	
	-	= 1.50	
	-	= 1.50	
	-	= 1.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351153

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	62.4-77.4	1.0	15.0	0.10	- =	1.50	
	77.4-92.4	1.0	15.0	0.10	- =	1.50	
	92.4-103.51	1.0	11.10	0.10	- =	1.11	
						10.35 m	
				TOTAL:-		22.25 m	
							10465.00
				Rs: 470.31 →			
					GRAND TOTAL=		3916300.00

Case
Dec 26/7/17
At the Rate of

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

AE(W7)
26/7/17

Assistant Executive Engineer
Kodigehalli Sub Division,

MEASUREMENT BOOK

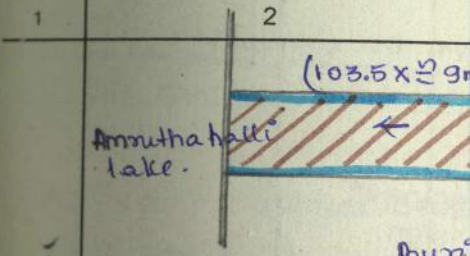
Royalty charges.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			stone.		sand.		
Sl-No.	Details / Qty / cum.	Co-eff	Qty	Co-eff	Qty:		
01	40mm ↓ size - 60.08 cum	0.96	57.67	0.48	28.83		
02	20mm ↓ size - 131.90 cum	0.90	118.71	0.45	58.95		
03.	WMM - 367.90 cum	1.00	367.90	-	-		
04	BM - 91.98 cum	1.41	129.69	-	-		
05	SDBC. - 73.58 cum	1.40	103.01	-	-		
	TOTAL:-		776.98		87.78		

AE(WT)

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2



AE(WT)

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
	Qty:		
3	28.83		
5	58.95		
	-		
	-		
	-		
	87.78		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

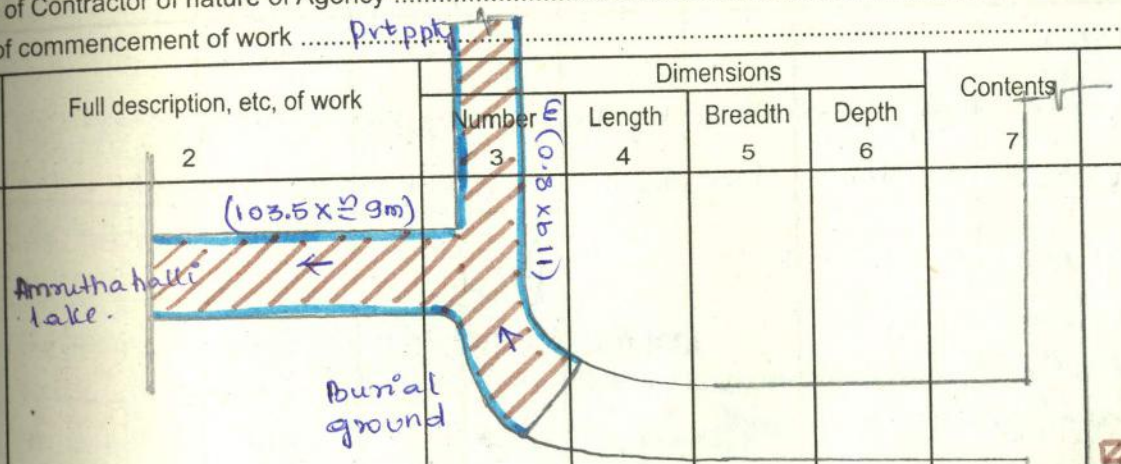
351154

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....Prtppty.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
							

No Lplly. N.D
AE(NM)

SKETCH

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATE:-						
	1) Certified that work done by the contractor is satisfactory.						
	2) Certified that debris has been removed from the workspot.						
	M.Lyly · N·D AE(W7)						
	Accepted all measurements in full and final settlement.						
	M. PRAKASH)						
	Contd						

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B... M.P.,
Bang...

BR No: 244/26

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 3916300- ಗಳನ್ನು ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ. 25 ಮುಂಪಾವತಿ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು ರೂ. Rs. Thirty six lakhs six Found three hundred ಈ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
		contractor is satisfactory.	
		moved from the workspot.	
		Executive Engineer,	
		halli Sub Division,	
		ka Zone, M.P.,	
		Bang	

BR No: 244/26.7.17.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351155

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 3916300-00					Total Rs: 3916300-00	
	ಗಳಲ್ಲಿ ಪ್ರಾಪ್ತ ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ 254962-00					IT - 39163-00	
	ಮೊಬಲಗನ್ನು ಮುರಿಸಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 3661338-00					~~VAT~~ - ~~156652-00~~	
	ರೂ Rs Thirty six lakhe six thone					Cess - 39163-00	
	three hundred thirty eight					CGF - 3916-00	
	ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ					CGST 39163-00	
	ಲೆಕ್ಕಾಧೀಕ್ಷಕರು ಕಾ. ನಿ. ಅ. 21/08					SGST 39163-00	
	ಮಾಡಲು ..... ಅಧಿಕಾರ					LK - 94894-00	
	ಕಾ. ನಿ. ಅ. 21/08					Adj - 254962-00	
						Cheque: 36,61,338-00	